PTO/SB/05 (08-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE and to a collection of information unless it displays a valid OMB control number

Under the Paper	work Red	uction Act of 1995, no persons are	required to re	spone	to a colle	ection of inf	ormation unle	SS IT C	displays a valid OMB control nur	nber	
			Attorn	ey D	ocket No). N	GW-014				
UTILITY Firs			First I	nveni	tor	K	enichiro l	ichiro Ueda			
PAI							S. P				
	FL	JEL CE	ELL SYS	STEM	EM						
(Only for new nonprovisional applications under 37 CFR 1.53(b))											
			Expres	ss Ma	il Label i	Vo. E	V 311 01	6 68	30 US	9	
	ADDLI	CATION ELEMENTS					MS Paten			223	
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.					ADDRESS TO: Commissioner for Patents P.O. Box 1450						
		Alexandria, VA 22313-1450									
		Form (e.g., PTO/SB/17) and a duplicate for fee processing)		7.					large table or		
	_	small entity status.	Computer Program (Appendix) Nucleotide and/or Amino Acid Sequence Submission								
See 37	CFR 1.27			О.	(if appl	•	necessary)	·			
3. X Specific		[Total Pages	20]		a	Computer	Readable Fo	m (C	CRF)		
- Desc	riptive title	nent set forth below) of the invention			b. Spec	cification S	equence List	ing o	n:		
									copies); or ii. Paper		
		equence listing, a table, program listing appendix			c	Statement	s verifying ide	entity	of above copies		
- Back	ground of			ACCOMF	PANYING A	PPL	ICATION PARTS				
 Brief Summary of the Invention Brief Description of the Drawings (if filed) Detailed Description 					X As	signment l	Papers (cove	r she	et & document(s))		
- Detailed Securion - Claim(s) - Abstract of the Disclosure					10. 37 CFR 3.73(b) Statement Power of Attorney						
4. X Drawing	(s) (35 U	.S.C. 113) [Total Sheets	4]	11.	Er	nglish Trans	slation Docur	nent	(if applicable)		
5. Declaration, P	etition an	d Power of Attorney	6 1	12. X Information Disclosure X Copies of IDS							
a. X Newly executed (original or copy)					Statement (IDS)/SB08 Citations 13. Preliminary Amendment						
b. Cor	14. X Return Receipt Postcard (MPEP 503)										
(for continuation/divisional with Box 18 completed)					(Should be specifically itemized)						
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s)					(if foreign priority is claimed)						
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).					16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.						
				17.	Ot	her:			· · · · · · · · · · · · · · · · · · ·	Į	
6. X Applicat	ion Data	Sheet. See 37 CFR 1.76									
18. If a CONTINI	JING AP	PLICATION, check appropriate b	ox, and supp	ly the	requisite	information	n below and i	in the	first sentence of the	_	
Continua		title, or in an Application Data Shi	<i>eet under 37</i> tion-in-part ((onalisation	No.			1	
ш	ᆫ		uon-m-part (JIF)	or phor	,,	-		***		
		ation: Examiner DIVISIONAL APPS only: The er	tire disclosu	ro of t	ho prior		Unit:		ath or dealeration is supplied		
under Box 5b, is	considere	ed a part of the disclosure of the a ion can only be relied upon when	ccompanyin	g con	tinuation	or division	al application	and	is hereby incorporated by		
		19. C	ORRESPO	NDE	NCE AL	DRESS					
X Custome	er Numbe	er: 0095	59			OR	Corresp	onde	ence address below		
Name		VE & COCKFIELD, LLF	•								
Name	Anthony A. Laurentano										
Address 28 State Street											
City Boston State		State	MA			Zip Cod	Zip Code 02109				
Country US Telephone		Telephone	(617) 227-7400				Fax (617) 742-4214				
Name (Print/Type)		Anthony A. Laurentano			Registration No. (Attorn			ey/Agent) 38,220		7	
Signature		Anthony)	annete	w			Date	N	November 24, 2003		
										_	

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 311 016 680 US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: November 24, 2003

(Anthony A. Laurentano) Signature:



PTO/SB/17 (10-03)
Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

CCC TO A NOMITTAL		Complete if Known							
FEE TRANSMITTAL	Application Number					NEW APPLICATION			
for FY 2004	[Filing Date				Concurrently Herewith			
	[First Named Inventor				Kenichiro Ueda			
Effective 10/01/2003, Patent fees are subject to annual revision.	[Examiner Name			Not Yet Assigned				
Applicant claims small entity status. See 37 CFR 1.27	Art Unit			N/A					
TOTAL AMOUNT OF PAYMENT (\$) 810.00	Attorney Docket No. NGW-014								
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)							
Check Credit Money Other None	3 1	DDITIO	NAL						
Card Order Other	3. 7	יווטש	MAL	FEES					
X Deposit Account:	Large	Entity	Small	Entity					
Deposit Account 12-0080	Fee	Fee	Fee	Fee	-	Fee Desc	rintion		
Number	Code	(\$)	Code	(\$)		ree Desc	прион	Fee Paid	
Deposit Account Lahive & Cockfield, LLP	1051	130	2051	65	Surcharge	e – late filing fee or oath			
Name The Director is authorized to: (check all that apply)	1052	50	2052	25	Surcharge sheet.	e – late provisional filing fee or cover			
X Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130		sh specification	n		
	1812	2,520	1812			•			
X Charge any additional fee(s) or any underpayment of fee(s)						request for ex p g publication of			
Charge fee(s) indicated below, except for the filing fee	1804	920*	1804	920*	Examiner	action			
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Examiner	g publication of action	or SIR after		
FEE CALCULATION	1251	110	2251	55		for reply within			
1. BASIC FILING FEE Large Entity Small Entity	1252 1253	420 950	2252 2253	210 475		for reply within for reply within			
Fee Fee Fee Fee Description Fee Paid	1254	1,480	2254			for reply within			
Code (\$) Code (\$) 1001 770 2001 385 Utility filing fee 770.00	1255	2,010	2255						
1002 340 2002 170 Design filing fee	1401	330	2401		Extension for reply within fifth month Notice of Appeal			H	
1003 530 2003 265 Plant filing fee	1402	330	2402		Filing a brief in support of an appeal				
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request fo	or oral hearing			
1005 160 2005 80 Provisional filing fee	1451	1,510	1451			•	lic use proceeding		
SUBTOTAL (1) (\$) 770.00	1452 1453	110 1,330	2452 2453	55 665		revive – unave revive - uninte			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,330	2501			e fee (or reissu			
Extra Fee from	1502	480	2502		Design iss	· ·			
Claims below Fee Paid Total Claims 3 -20** = x = 0.00	1503	640	2503		Plant issue				
Independent 1 -3** = 0.00	1460	130	1460	130		o the Commiss	sioner		
Claims	1807	50	1807	50	Processing	g fee under 37	CFR 1.17(q)		
Large Entity Small Entity	1806	180	1806	180	Submissio	n of Informatio	n Disclosure Stmt		
Fee Fee Fee Fee Fee Description	8021	40	8021	40		each patent a		40.00	
1202	1809	770	2809	385	Filing a su	imes number o bmission after			
1201 86 2201 43 Independent claims in excess of 3					(37 ČFR 1		_		
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	examined	(37CFR 1.129	(b))		
1204 86 2204 43 ** Reissue independent claims over original patent	1801	770	2801		-		xamination (RCE)		
1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802	900		or expedited ex n application	Aaniii lauUi I		
and over original patent	Other fee (specify)								
SUBTOTAL (2) (5) 0.00	*Redu	ced by E	asic Fil	ling Fee	Paid	SUBTO	TAL (3) (\$)	40.00	
**or number previously paid, if greater; For Reissues, see above									
SUBMITTED BY	Registr	ation No	Jac	222		1	(if applicable))		
Name (Print/Type) Anthony A. Laurentano		y/Agent)	[38]	,220			(617) 227-7400		
Signature Anthores faculties	Z					Date	November 24, 2	2003	
	_								

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 311 016 680 US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: November 24, 2003

Signature: _

(Anthony A. Laurentano)